

Page 3, before line 7, insert the following heading:

A<sup>2</sup>

--Summary of the Invention--

Page 20, between lines 6 and 7, insert the following heading:

A<sup>3</sup>

--Brief Description of the Drawings--

Page 21, before line 10, insert the following heading:

A<sup>4</sup>

--Discussion of the Drawings--

Pages 39-40, cancel in their entireties.

Add the following Abstract:

--A novel copolymer contains at least two identical or different monomers. When two components X and Y of the monomer are identical or different, and represent an acid, alcohol, amine or isocyanate group, then at least two monomers have groups capable of reacting with each other when X and Y are identical, or at least one monomer comprises groups capable of reacting with one another when X and Y are different. At least one monomer of each type, when X and Y are identical or different, are combined such that the stoichiometry of the ratio X/Y, calculated to obtain a molar mass and specific end points, enable an extension of a carbon chain. The disclosure also includes a composition comprising the copolymer and the uses of the copolymer and the composition.--